Checking Mountain Soil Moisture Under the Snow, an important factor in snowmelt runoff.

Federal-State Cooperative Snow Surveys and Water Supply Forecasts for NEVADA

SOIL CONSERVATION SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE
AND
NEVADA STATE ENGINEER

Data included in this report were obtained by the agencies named above in cooperation with the Federal, State and local organizations listed on the last page of this report.

AS OF
MAR. 1, 1956

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY
AND WATER SUPPLY FORECAST REPORTS:

Snow surveys in the West are conducted each year at more than 1200 snow courses. Basin and Province or State snow survey reports summarizing the results of the measurements and forecasts of seasonal runoff and water supply are issued by the Soil Conservation Service, U. S. Department of Agriculture and some of its co-operators; the Water Rights Branch of the British Columbia Department of Lands and Forests; and the California Division of Water Resources.

Copies of the various federal-state cooperative snow survey reports listed below may be secured by writing to:

Head, Water Supply Forecasting Section
Soil Conservation Service
209 S. W. 5th Avenue
Portland 4, Oregon

BASIN REPORTS:

Colorado, Rio Grande, and Platte-Arkansas River Basins	Issued monthly February through May by SCS and Colorado Experiment Station, Fort Collins, Colorado.*
Columbia River Basin	Issued monthly January through May by Soil Conservation Service, Boise, Idaho.*
Upper Missouri River Basin	Issued monthly February through May by SCS and Montana Agricultural Experiment Station, Bozeman, Montana.*
West-Wide Water Supply Outlook	Issued April 1 by Soil Conservation Service and Cooperators, Portland, Oregon.

STATE REPORTS:

Arizona	Issued semi-monthly January 15 through April 1 by SCS and Salt River Valley Water Users Association, Phoenix, Arizona.*
Nevada	Issued monthly February through April by SCS and Nevada State Engineer, Reno, Nevada.*
Oregon	Issued monthly January through May by SCS, Portland, Oregon, and Oregon Agricultural Experiment Station.*
Utah	Issued monthly January through May by SCS, Salt Lake City, Utah, and State Engineer of Utah and Utah Agricultural Experiment Station.*
Washington	Issued monthly February through May by SCS, Spokane, Washington, and State Department of Conservation and Development.*
Wyoming	Issued monthly February through May by SCS, Casper, Wyoming, and State Engineer of Wyoming.*

*Special reports are issued as needed.

The British Columbia reports are issued February 1 through June 1 and may be secured from Comptroller, Water Rights Branch, Department of Lands and Forests, Parliament Buildings, Victoria, B.C.

The California reports are issued monthly February 1 through May 1 and may be secured from Division of Water Resources, California Department of Public Works, Sacramento, California.

The annual water supply forecasts of the Weather Bureau are available in monthly bulletins published from January through May. These bulletins entitled, "Water Supply Forecasts for the Western United States" may be obtained from River Forecast Center, Weather Bureau, 712 Federal Office Building, Kansas City 6, Missouri.

FEDERAL - STATE COOPERATIVE

SNOW SURVEYS AND WATER SUPPLY FORECASTS

for

N E V A D A

Report Prepared
by

Norman S. Hall, Hydraulic Engineer

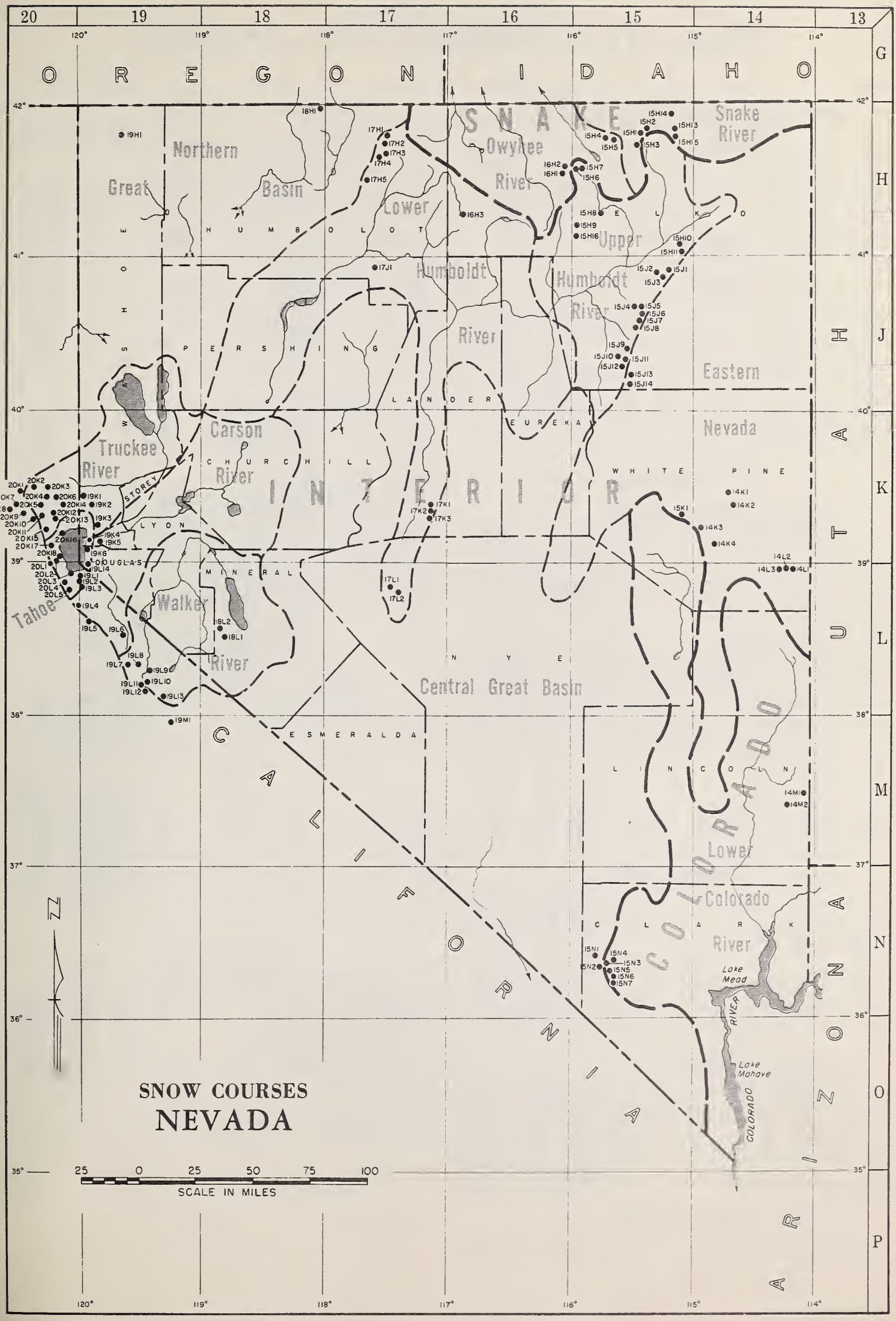
Soil Conservation Service
1485 Wells Avenue
Reno, Nevada

Issued by

George Hardman
State Conservationist
Soil Conservation Service

Hugh A. Shamberger
Nevada State Engineer

March 8, 1956


20 19 18 17 16 15 14 13
G H J K L M N O P
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OREGON IDAHO
Northern Great Basin
Lower Humboldt River
Owyhee River
Snake River
Upper Humboldt River
Eastern Nevada
Truckee River
Carson River
Walker River
Tahoe
Central Great Basin
Lower Colorado River
Lake Mead
Lake Mohave
COLORADO RIVER
SNAKE
HUMBOLDT
LANDER
EUREKA
WHITE PINE
LINCOLN
CLARK
PERSHING
CHURCHILL
MINERAL
ESMERALDA
NYE
LYON
STOREY
DOUGLAS
CALIFORNIA
ARIZONA
SNOW COURSES
NEVADA
25 0 25 50 75 100
SCALE IN MILES

INDEX TO NEVADA SNOW COURSES

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H 1	BEAR CREEK	31	46N	58E	7800
15H 2	FOX CREEK	33	46N	58E	6800
15H 3	76 CREEK	6	44N	58E	7100
15H 5*	GOLD CREEK	31	45N	56E	6600
15H 4*	BIG BENO	30	45N	56E	6700
15H13	GOAT CREEK	31	46N	60E	8800
15H14	POLE CREEK RANGER STATION	13	46N	59E	8330
15H15	HUMMINGBIRO SPRINGS	6	45N	60E	8945
OWYHEE RIVER					
17H 2*	LOWER BUCKSKIN	25	45N	39E	6700
17H 1*	UPPER BUCKSKIN	11	45N	39E	7200
17H 3*	MARTIN CREEK	18	44N	40E	6700
17H 4*	GRANITE PEAK	22	44N	39E	7800
15H 5	GOLO CREEK	31	45N	56E	6600
15H 4	BIG BENO	30	45N	56E	6700
15H 7*	FRY CANYON	31	43N	54E	6700
15H 6*	RODEO FLAT	36	43N	53E	6800
16H 1	LOWER JACK CREEK	18	42N	53E	6800
16H 2	UPPER JACK CREEK	9	42N	53E	7250
15H 8*	TREMEWAN RANCH	9	39N	55E	5700
15H 9*	TAYLOR CANYON	35	39N	53E	6200
INTERIOR					
UPPER HUMBOLDT RIVER					
15H 1*	BEAR CREEK	31	46N	58E	7800
15H 2*	FOX CREEK	33	46N	58E	6800
15H 3*	76 CREEK	6	44N	58E	7100
15H 5*	GOLO CREEK	31	45N	56E	6600
15H 4*	BIG BENO	30	45N	56E	6700
15H 7	FRY CANYON	31	43N	54E	6700
15H 6	RODEO FLAT	36	43N	53E	6800
16H 1*	LOWER JACK CREEK	18	42N	53E	6800
16H 2*	UPPER JACK CREEK	9	42N	53E	7250
15H 8	TREMEWAN RANCH	9	39N	55E	5700
15H 9	TAYLOR CANYON	35	39N	53E	6200
15H10	LOWER TROUT CREEK	28	37N	61E	6900
15H11	UPPER TROUT CREEK	4	36N	61E	8500
15J 1	DORSEY BASIN	28	35N	60E	8100
15J 2	RYAN RANCH	1	34N	59E	5800
15J 3	DRY CREEK	5	34N	60E	6500
15J 4	LAMOILLE #1	15	32N	58E	7100
15J 5	LAMOILLE #2	14	32N	58E	7300
15J 6	LAMOILLE #3	24	32N	58E	7700
15J 7	LAMOILLE #4	19	32N	59E	8000
15J 8	LAMOILLE #5	31	32N	59E	8700
15J 9	GREEN MOUNTAIN	23	29N	57E	8000
15J10	HARRISON PASS #1	9	28N	57E	6600
15J11	HARRISON PASS #2	16	28N	57E	7400
15J12	CORRAL CANYON	27	28N	57E	8500
15H16	SUSIE CREEK	3	36N	54E	6175
LOWER HUMBOLDT RIVER					
17H 2	LOWER BUCKSKIN	25	45N	39E	6700
17H 1	UPPER BUCKSKIN	11	45N	39E	7200
17H 3	MARTIN CREEK	18	44N	40E	6700
17H 4	GRANITE PEAK	22	44N	39E	7800
17H 5	LAMANCE CREEK	13	42N	38E	6000
16H 3	MIOAS	18	39N	46E	7200
17K 1	BIG CREEK CAMP GROUND	10	17N	43E	6600
17K 2	BIG CREEK MINE	23	17N	43E	7600
17K 3	UPPER BIG CREEK	26	17N	43E	8000
17L 1	LOWER CORRAL	12	11N	40E	7500
17L 2	UPPER CORRAL	20	11N	41E	8500
17J 1	GOLCONOA	22	35N	39E	6000
EASTERN NEVADA					
15J13	CAVE CREEK	25	27N	57E	7500
15J14	HAGER CANYON	34	27N	57E	8000
14K 3	MURRAY SUMMIT	25	16N	62E	7250
14L 1	BAKER #1	29	13N	69E	7950
14L 2	BAKER #2	30	13N	69E	8950
14L 3	BAKER #3	25	13N	68E	9250
14K 2	BERRY CREEK	26	17N	65E	9100
14K 1	BIRO CREEK	34	19N	65E	7500
15K 1	ROBINSON SUMMIT	34	18N	61E	7600
14K 4	WARD MOUNTAIN	25	15N	62E	7875
CENTRAL GREAT BASIN					
15N 2	CLARK CANYON	8	19S	56E	9000
15N 1	TROUGH SPRINGS	23	18S	55E	8500

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
NORTHERN GREAT BASIN					
19H 1	BALD MOUNTAIN	17	45N	21E	6720
18H 1	DISASTER PEAK	8	47N	34E	6500
LAKE TAHOE					
20L 4	(CAL.) LAKE LUCILLE	28	12N	17E	8400
20L 1	(CAL.) RUBICON #1	6	13N	17E	8100
19L 3	(CAL.) HAGANS MEADOW	36	12N	18E	8000
19L 2	(CAL.) FREEL BENCH	36	12N	18E	7300
20K17	(CAL.) WARO CREEK	21	15N	16E	7000
19L 1	(CAL.) UPPER TRUCKEE	21	12N	18E	6400
20K16	(CAL.) TAHOE CITY	6	15N	17E	6250
20L 2	(CAL.) RUBICON #2	6	13N	17E	7500
20K18	(CAL.) RUBICON#3	32	14N	17E	6700
20L 3	(CAL.) RICHARDSONS #2	6	12N	18E	6500
20L 5	(CAL.) ECHO SUMMIT	6	11N	18E	7500
19K 4	MARLETTE LAKE	13	15N	18E	8000
19L14	DAGGETTS PASS	19	13N	19E	7350
19K 6	GLENBROOK #2	13	14N	18E	6900
19K 2*	MT. ROSE	7	17N	19E	9000
TRUCKEE RIVER					
20K 5	(CAL.) INDEPENDENCE LAKE	9	18N	15E	8450
20K 1*	(CAL.) WEBBER PEAK	30	19N	14E	8000
20K10*	(CAL.) DONNER SUMMIT	25	17N	14E	6900
20K17*	(CAL.) WARO CREEK	21	15N	16E	7000
20K 2	(CAL.) WEBBER LAKE	20	19N	14E	7000
20K 6	(CAL.) SAGE HEN CREEK	7	18N	16E	6500
20K16*	(CAL.) TAHOE CITY	6	15N	17E	6250
20K13	(CAL.) TRUCKEE #2	22	17N	16E	6400
20K 3	(CAL.) INDEPENDENCE CREEK	14	19N	15E	6500
20K14	(CAL.) BOCA #2	28	18N	17E	5900
20K 8*	(CAL.) FURNACE FLAT	10	17N	13E	6600
20K 7*	(CAL.) FORDYCE LAKE	34	18N	13E	6500
20K 9*	(CAL.) SODA SPRINGS	23	17N	14E	6750
20K 4	(CAL.) INDEPENDENCE CAMP	34	19N	15E	7000
19K 2	MT. ROSE	7	17N	19E	9000
20K12	(CAL.) TRUCKEE RANGER STA.	10	17N	16E	6000
20K11	(CAL.) DONNER LAKE	14	17N	15E	5950
19K 1	BIG MEADOWS	15	18N	18E	8800
19K 3	LITTLE VALLEY	17	16N	19E	6300
20K15	(CAL.) SQUAW VALLEY	6	15N	16E	7500
CARSON RIVER					
19L 4	(CAL.) CARSON PASS	22	10N	18E	8600
19L 6	(CAL.) POISON FLAT	25	8N	21E	7900
19L 5	(CAL.) BLUE LAKES	30	9N	19E	8000
19K 5	CLEAR CREEK	16	14N	19E	7300
WALKER RIVER					
19L12	(CAL.) CENTER MOUNTAIN	4	3N	23E	9400
19L 7	(CAL.) SONORA PASS	1	5N	21E	8800
19L11	(CAL.) BUCKEYE FORKS	20	4N	23E	8500
19L13	(CAL.) VIRGINA LAKES	5	2N	25E	9500
19L 9	(CAL.) WILLOW FLAT	21	5N	23E	8260
19L10	(CAL.) BUCKEYE ROUGHS	15	4N	23E	7900
19L 8	(CAL.) LEAVITT MEADOWS	4	5N	22E	7200
19M 1*	(CAL.) TIOGA PASS	30	1N	25E	9900
18L 1	LAPON MEADOW	36	8N	28E	9000
18L 2	MT. GRANT	23	8N	28E	9000
COLORADO					
LOWER COLORADO RIVER					
15N 6	RAINBOW CANYON	31	19S	57E	7800
15N 5	KYLE CANYON	26	19S	56E	8200
15N 4	LEE CANYON #1	10	19S	56E	8300
15N 3	LEE CANYON #2	9	19S	56E	9000
15N 7	RAINBOW CANYON #2	6	20S	57E	8100
14M 1	MATHEW CANYON	11	5S	70E	6000
14M 2	PINE CANYON	11	6S	69E	6200

* LOCATED ON ADJACENT WATERSHED

WATER SUPPLY OUTLOOK
FOR NEVADA

March 1, 1956

* *
* Snow stored water in Nevada ranges from excellent in *
* the northern and western portions to poor in the *
* southern part. Water stored in reservoirs fed from *
* the Sierra Mountains is above the March 1 normal *
* while major reservoirs along the Humboldt and Owyhee *
* Rivers are below the March 1 normal. Except in the *
* southern part of Nevada, the soil is already satis- *
* factorily primed for the coming spring runoff. U.S. *
* Geological Survey reports streamflow remained above *
* normal throughout February as a result of excessive *
* precipitation during December and January. Runoff *
* was not appreciably affected by precipitation during *
* February because cold weather kept most of the snow *
* on the ground. *
* *

Snake River Drainage in Nevada
The Snake River drainage area in Nevada has snow stored water in the mountain watershed at 29 percent above the 1938-52 March 1 normal, or 110 percent more than was measured last year. The soil beneath the snow pack is already well primed for the coming spring runoff.

Owyhee River in Nevada
In this northern watershed snow stored water is 21 percent above normal or 100 percent above last year as of March 1. Here also, mountain soils are well primed for the spring runoff. Wild Horse reservoir has 4,700 acre-feet in storage which is 58 percent below the 1938-52 average or 67 percent above last years storage as of March 1, but is only 15 percent of capacity.

Upper Humboldt River
Surveys on 22 snow courses indicate snow stored water on this important agricultural watershed to be 42 percent above the 1938-52 March 1 normal or 77 percent above that of last year. Here, also the soil is well primed for the coming runoff. Flow of the Humboldt River at Palisade was 46 percent above normal totaling 13,000 acre-feet.

Lower Humboldt River
Snow courses surveyed in the Santa Rosa Mountains north of Paradise Valley indicated snow stored water to be about 20 percent above the 1938-52 March 1 normal or 64 percent better than March 1 last year.

On the headwaters of the Reese River two snow courses measured 8 percent above average or about the same as last year on March 1. Near Austin, the Big Creek surveys indicate 23 percent above the 1938-52 March 1 normal or 31 percent below last years March 1 surveys.

On March 1, Rye Patch Reservoir on the Humboldt River stored 21,000 acre-feet which is 76 percent below the 15 year 1938-52 March 1 average or only 12 percent of capacity. During the month of February, storage increased 11,000 acre-feet which is above normal runoff during a winter month. Last year on this date Rye Patch stored only 9,000 acre-feet.

Lower Colorado River

The Lower Colorado River in Nevada has been deficient in precipitation all winter. Seven snow courses in the Spring Mountains near Las Vegas measured about 50 percent below the 1938-52 15 year March 1 normal. Pine and Mathew Canyons, tributaries to Meadow Valley Wash, were bare of snow on March 1 surveys. Soil moisture conditions at the higher elevations in the Lower Colorado drainage are poor. In these areas, the ground water recharging from snow water will be deficient. The Bureau of Reclamation reports usable storage of Lake Mead behind Hoover Dam to be 11,038,000 acre-feet. This is the lowest level since it passed this mark in filling in 1937.

Central Great Basin

The two snow courses on the western slopes of the Spring Mountains, from which ground water flows in Pahrump Valley, was measured at 50 percent below the 1938-52 15 year March 1 normal. Unless heavy precipitation occurs at the higher elevations during March, recharge of ground water supplies will be deficient this year.

Carson-Walker River

Snow stored water in these high Sierra watersheds measured from 70-80 percent above the 15 year 1938-52 March 1 normal. Soil moisture conditions are ideal for producing maximum runoff from snow stored water runoff.

As of this date, and considering only the snow already in the watershed, and assuming normal precipitation for the coming months, the following forecast on these rivers can be made for the April through July runoff period. (The runoff figures are all in thousands of acre feet.)

Forecast Station	Forecast 1956 Runoff	15 year Average 1938-52	1956 as % of 15-yr. ave.	Measured 1955 Runoff
East Carson nr. Gardnerville, Nevada	255	195	131	122
West Carson at Woodfords, California	80	55	145	39
Carson River nr. Carson City, Nevada	315	192	164	91
Carson River nr. Fort Churchill, Nevada	285	189	151	75
East Walker nr. Bridgeport, California 1/	110	86	128	27
West Walker nr. Coleville, California	200	160	125	110

1/ For period April through August corrected for storage in Bridgeport Reservoir.

Eastern Nevada

In this important ranching and industrial area, 9 snow courses indicated snow water to be 19 percent above the 15 year 1938-52 March 1 normal or 18 percent above last year on March 1. Near Baker on Baker Creek, surveyed water content of the snow was 39 percent above average and 25 percent above March 1 last year. Near Ruby Lake on the east slope of the Ruby Mountains two courses surveyed were 28 percent above the 15 year 1938-52 March 1 normal 68 percent above last years March 1 snow surveys. Through this watershed area, snow surveyors report the ground to be wet and not frozen beneath the snow pack.

Tahoe-Truckee River Basin

The Lake Tahoe watershed, as indicated by snow surveys, contains snow stored water 45 percent above the March 1 1938-52 normal. The water content of the snow pack on the Truckee River watershed measured 61 percent above the 1938-52 March 1 normal. In both watersheds, mountain soils are well primed for the coming runoff season.

Boca Reservoir on the Little Truckee stored 7,000 acre-feet or 88 percent of the 15 year 1938-52 March 1 normal or only 17 percent of capacity. Lake Tahoe water surface elevation was 6227.26 storing 511,200 acre-feet or 20 percent above the March 1 1938-52 15 year normal or 70 percent of capacity. Volume forecasts for the April through July runoff period will be made in the April bulletin.

The Truckee Basin Water Committee reports that the gates in the dam at Lake Tahoe have been wide open since February 17 and are being regulated in accordance with the Truckee River Federal Decree. Based on the present snow surveys and anticipating normal precipitation for the balance of the season, computations indicate that the high water level of Lake Tahoe will not exceed elevation 6229.1 as provided for in the Federal Decree.

STATUS OF RESERVOIR STORAGE

MARCH 1, 1956

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (1000 AF)	USABLE STORAGE - 1000 ACRE FEET			
			1956	1955	1954	15-YR. AVE. 1938-52
Owyhee	Wild Horse	33	5	3	17	12
Lower Humboldt	Rye Patch	178	21	9	90	89
Colorado	Mohave	1,810	1,710	1,710	1,719	New reservoir*
Colorado	Mead	27,217	11,038	11,869	16,154	18,517
Tahoe	Tahoe	732	511	388	565	427
Truckee	Boca	41	7	0.1	2	8
Carson	Lahontan	286	189	162	239	218
West Walker	Topaz	59	46	21	41	40
East Walker	Bridgeport	42	34	18	36	33

*Storage began in 1950. The 1950-55 average is 1,390,000 A.F.

NEVADA SNOW SURVEYS MARCH 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956: Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.): 1955	1954	1938-52 Avg.	Prior Yrs. of Record
SNAKE RIVER									
Bear Creek	15H1	7800	3/2	65	22.7	13.0	-	17.1	22
*Big Bend	15H4	6700	2/29	43	13.0	4.0	5.5	9.4	27
Fox Creek	15H2	6800	3/2	31	8.6	7.4	-	8.8	22
Goat Creek	15H13	8800	2/29	69	24.0	9.8	-	-	1
*Gold Creek	15H5	6600	2/29	28	9.3	3.7	4.1	6.3**	23
Hummingbird Springs	15H15	8945	2/29	77	25.8	13.2	-	-	1
Pole Creek Ranger Station	15H14	8330	2/29	62	20.0	12.4	-	-	1
OWYHEE RIVER									
*Bear Creek	15H1	7800	3/2	65	22.7	13.0	-	17.1	22
Big Bend	15H4	6700	2/29	43	13.0	4.0	5.5	9.4	27
*Disaster Peak	18H1	6500	2/28	63	22.6	5.7	7.3	20.6	7
*Fox Creek	15H2	6800	3/2	31	8.6	7.4	-	8.8	22
Fry Canyon	15H7	6700	2/29	32	9.0	5.5	4.8	9.0	22
Gold Creek	15H5	6600	2/29	28	9.3	3.7	4.1	6.3**	23
*Granite Peak	17H4	7800	3/2	44	17.0	7.1	4.1	11.2	24
*Lower Buckskin	17H2	6700	3/4	33	11.0	5.1	5.9	8.9**	21
Lower Jack Creek	16H1	6800	3/1	12	3.3	4.2	0	4.0	28
*Martin Creek	17H3	6700	3/1	33	10.8	6.5	5.6	8.6	24
Rodeo Flat	15H6	6800	2/29	28	8.1	5.7	4.7	9.9	22
Taylor Canyon	15H9	6200	3/1	28	9.3	4.6	5.4	5.4	21
*Tremewan Ranch	15H8	5700	3/1	13	3.3	1.3	0	2.2	24
*Upper Buckskin	17H1	7200	3/5	22	7.3	-	0.7	9.9**	12
Upper Jack Creek	16H2	7250	3/1	27	7.8	7.6	5.4	9.6**	19
UPPER HUMBOLDT									
*Bear Creek	15H1	7800	3/2	65	22.7	13.0	-	17.1	22
*Big Bend	15H4	6700	2/29	43	13.0	4.0	5.5	9.4	27
Corral Canyon	15J12	8500	3/4	65	24.3	14.3	17.5	15.2**	12
Dorsey Basin	15J1	8100	3/1	52	13.0	10.6	9.1	10.5	24
Dry Creek	15J3	6500	2/29	36	11.2	7.1	2.1	5.3**	22
*Fox Creek	15H2	6800	3/2	31	8.6	7.4	-	8.8	22
Fry Canyon	15H7	6700	2/29	32	9.0	5.5	4.8	9.0	22
*Gold Creek	15H5	6600	2/29	28	9.3	3.7	4.1	6.3**	23
Green Mountain	15J9	8000	3/3	56	18.2	10.1	6.9	11.8**	18
Harrison Pass #1	15J10	6600	3/3	22	6.5	5.0	4.0	4.6	27
Harrison Pass #2	15J11	7400	3/3	21	5.4	5.0	4.4	4.7	24
Lamoille #1	15J4	7100	3/2	44	14.0	7.0	8.6	9.9	30

* Located on adjacent drainage.
** Average is for less than the 15 years of record in the 1938-52 period.

NEVADA SNOW SURVEYS MARCH 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	1956 Snow Depth (In.)	1956 Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prior Yrs. of Record
UPPER HUMBOLDT (Con't.)									
Lamoille #2	15J5	7200	3/2	38	12.5	5.1	6.8	10.1	29
Lamoille #3	15J6	7700	3/2	49	16.1	7.8	9.5	12.7	21
Lamoille #4	15J7	8000	3/2	61	21.4	9.9	13.2	18.0**	15
Lamoille #5	15J8	8700	3/2	92	33.7	14.4	18.2	23.3**	19
*Lower Jack Creek	16H1	6800	3/1	12	3.3	4.2	0	4.0	28
Rodeo Flat	15H6	6800	2/29	28	8.1	5.7	4.7	9.9	22
Ryan Ranch	15J2	5800	2/29	15	4.6	4.2	0	1.8	24
Susie Creek	15H16	6175	3/1	11	3.4	New Course			0
*Taylor Canyon	15H9	6200	3/1	28	9.3	4.6	5.4	5.4	21
Tremewan Ranch	15H8	5700	3/1	13	3.3	1.3	0	2.2	24
*Upper Jack Creek	16H2	7250	3/1	27	7.8	7.6	5.4	4.0	19
LOWER HUMBOLDT									
Big Creek Camp Ground	17K1	6600	3/2	7	2.7	5.6	1.4	2.2	14
Big Creek Mine	17K2	7600	3/2	18	4.8	5.1	2.3	3.3	13
Golconda	17J1	6000	2/27	Trace		3.6	T	-	3
Granite Peak	17H4	7800	3/2	44	17.0	7.1	4.1	11.2	24
Lamance Creek	17H5	6000	2/25	34	11.4	8.8	0	10.1**	23
Lower Buckskin	17H2	6700	3/4	33	11.0	5.1	5.9	8.9**	21
Lower Corral	17L1	7500	3/3	4	1.8	2.6	0	1.9	13
Martin Creek	17H3	6700	3/1	33	10.8	6.5	5.6	8.6	24
Upper Big Creek	17K3	7800	3/2	20	6.1	9.6	5.1	6.4	12
Upper Buckskin	17H1	7200	3/5	22	7.3	-	0.7	9.9**	12
Upper Corral	17L2	8000	3/3	20	6.6	5.0	2.6	5.5	13
EASTERN NEVADA									
Baker #1	14L1	7950	2/29	29	8.3	8.4	6.9	6.7	14
Baker #2	14L2	8950	2/29	62	23.8	15.9	14.1	16.4	14
Baker #3	14L3	9250	2/29	60	23.4	18.5	17.1	15.9	11
Berry Creek	14K2	9100	2/28	59	17.6	15.8	12.8	14.0	8
Bird Creek	14K1	7500	3/1	22	4.8	5.8	4.5	4.7	8
Cave Creek	15J13	7500	2/29	51	15.6	11.4	8.6	15.5	14
Hager Canyon	15J14	8000	2/29	74	28.6	14.4	9.0	18.5**	15
Murray Summit	14K3	7250	2/27	13	3.1	4.7	2.8	4.0	19
Robinson Summit	15K1	7600	2/27	18	4.8	4.9	0	5.2	7
Ward Mountain	14K4	7875	2/27	21	7.4	-	-	-	0

*Located on adjacent drainage.
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NEVADA SNOW SURVEYS MARCH 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956: Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record: Water Content (In.) 1955	1954	1938-52 Avg.	Prior Yrs. of Record
LOWER COLORADO RIVER									
Kyle Canyon	15N5	8200	2/28	17	4.9	11.3	10.1	11.0**	15
Lee Canyon #1	15N4	8300	2/24	16	5.6	7.6	9.8	9.8**	15
Lee Canyon #2	15N3	9000	2/25	20	5.9	8.2	10.5	11.0	15
Mathew Canyon	14M1	6000	3/1	0	0	3.2	0	2.7	7
Pine Canyon	14M2	6200	3/2	0	0	3.1	0	3.3	7
Rainbow Canyon #1	15N6	7800	2/28	26	10.0	10.9	13.2	12.2**	15
Rainbow Canyon #2	15N7	8100	2/28	37	13.6	13.6	16.1	14.5	9
CENTRAL GREAT BASIN									
Clark Canyon	15N2	9000	2/25	13	3.8	7.9	8.5	7.5	10
Trough Springs	15N1	8500	2/29	9	2.9	7.6	7.0	6.6	10
NORTHERN GREAT BASIN									
Disaster Peak	18H1	6500	2/28	63	22.6	5.7	7.3	20.6	7
TAHOE									
Daggetts Pass	19L14	7350	2/29	50	14.4	9.3	8.8	11.9	18
Echo Summit	20L5	7500	3/6	151	58.6	29.3	24.2	33.8	14
Freel Bench	19L2	7300	2/28	52	16.5	11.0	8.5	14.0	11
Glenbrook #2	19K6	6900	2/29	65	20.2	11.4	10.5	13.6	10
Hagans Meadow	19L3	8000	2/28	80	27.8	16.3	13.0	24.3	7
Marlette Lake	19K4	8000	2/27	91	33.8	20.4	14.1	21.7	24
Richardsons #2	20L3	6500	3/1	70	21.4	14.0	14.5	12.2	8
Rubicon #1	20L1	8100	2/27	181	68.4	34.0	35.8	35.8	4
Rubicon #2	20L2	7500	2/27	118	42.1	23.4	21.3	23.8	5
Rubicon #3	20K18	6700	2/27	88	26.2	15.9	16.9	18.8	5
Tahoe City	20K16	6250	2/29	52	15.8	9.0	9.3	13.5	24
Upper Truckee	19L1	6400	2/28	44	12.7	9.8	9.0	10.6	16
Ward Creek	20K17	7000	2/29	157	60.0	34.4	31.2	43.8**	15
TRUCKEE									
Boca #2	20K14	5900	2/29	39	12.2	8.3	4.6	9.0**	18
Donner Lake #1	20K11	5950	2/29	88	26.8	16.9	18.3	16.1	10
*Donner Summit	20K10	6900	2/28	149	57.1	32.3	28.9	34.7	32
*Furnace Flat	20K8	6600	3/1	164	65.5	31.0	35.1	41.5	32
Independence Camp	20K4	7000	3/1	102	36.5	16.8	19.1	17.9	13

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NEVADA SNOW SURVEYS MARCH 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	1956 Snow Depth (In.)	1956 Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prior Yrs. of Record
TRUCKEE (Cont.)									
Independence Creek	20K3	6500	3/1	68	22.3	12.5	12.0	11.4**	15
Little Valley	19K3	6300	3/2	34	11.8	8.8	8.6	-	3
Sage Hen Creek	20K6	6500	3/1	85	27.7	14.6	14.2	15.5**	18
*Soda Springs	20K9	6750	2/28	144	54.7	29.4	28.5	31.9	26
Squaw Valley #1	20K15	7500	2/28	196	80.6	38.7	35.1	-	3
Tahoe City	20K16	6250	2/29	52	15.8	9.0	9.3	13.5	24
Truckee #2	20K13	6400	3/2	68	23.2	11.6	11.4	15.7**	18
Truckee Ranger Station	20K12	6000	3/1	57	19.0	11.6	9.3	12.3	11
*Ward Creek	20K17	7000	2/29	157	60.0	34.4	31.2	43.8**	15
CARSON RIVER									
Carson Pass	19L4	8600	3/4	119	49.5	28.5	22.4	30.0	26
Clear Creek	19K5	7300	2/28	66	19.2	11.9	11.5	16.8	7
WALKER RIVER									
Buckeye Forks	19L11	8450	2/24	89	30.8	-	-	-	0
Buckeye Roughs	19L10	7800	2/23	90	32.0	11.1	-	-	2
Mt. Grant	18L2	9000	3/2	26	9.5	4.3	4.1	-	3
Sonora Pass	19L7	8800	2/22	88	37.3	18.2	14.5	-	3
Virginia Lakes	19L13	9500	2/25	84	31.9	12.9	13.0	-	3
Willow Flat	19L9	8250	2/22	39	15.3	-	-	-	0
Measurements received too late for inclusion in February 1, 1956 Bulletin:									
Furnace Flat	20K8	6600	2/7	108	50.3	32.1	22.7	24.1**	29
Fordyce Lake	20K7	6500	2/7	96	40.1	24.6	20.4	21.3**	28
Soda Springs	20K9	6750	1/30	106	47.7	24.7	18.5	21.6	26
Donner Summit	20K10	6900	1/30	117	44 3	25.8	19.4	23.2	34
Tioga Pass	19M1	9900	2/2	110	55.0	15.3	11.3	19.5	6

* Located on adjacent drainage

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Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Soil Conservation Service
- Forest Service
- Geological Survey
- Bureau of Reclamation
- Fish and Wildlife Service
- Army
- Navy
- Air Force
- Weather Bureau

STATE

- Nevada State Engineer
- Nevada State Forester-Firewarden
- Nevada Cooperative Snow Surveys
- Colorado River Commission of Nevada
- California Cooperative Snow Surveys
- California Division of Water Resources
- Oregon Cooperative Snow Surveys

PRIVATE

- Walker River Irrigation District
- Amalgamated Sugar Company
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Virginia City Water Company
- Kennecott Copper Corporation
- Squaw Valley Development Company
- Pacific Gas & Electric Company
- Nevada Irrigation District
- Sierra Pacific Power Company
- Washoe County Water Conservation District
- Truckee-Carson Irrigation District
- Pershing County Water Conservation District

Federal - State - Private

COOPERATIVE SNOW SURVEYS

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Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"